

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	1106	laser with (mov\$4 near3 optic\$2) with focus\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:21
S4	762	laser with (mov\$4 near2 optic\$2) with focus\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:21
S5	369	laser with (mov\$4 near optic\$2) with focus\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:22
S6	30	laser with (mov\$4 near optic\$2) with (mov\$4 near2 focus \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:24
S7	13	(laser with (machining micromachining cutting drilling etching)) and ((mov\$4 near optic\$2) with (mov\$4 near2 focus \$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:19
S8	3005	(laser with optic\$2 with f?)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:32
S9	3115	(laser with optic\$2 with \$3theta)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:32
S10	1856	(laser with optic\$2 with ??theta)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:32

S11	417	(laser with optic\$2 with ?theta)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:32
S13	6053	S8 S9 S10 S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:37
S14	3	S13 and (machining micromachining cutting drilling etching) and ((mov\$4 near optic\$2) with (mov\$4 near2 focus\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:36
S15	1	S13 and (theta near5 definition)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:37
S16	13	S13 and (theta near5 description)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:40
S17	4402	f adj theta	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:40
S18	8420	((f adj theta) (scan adj optic\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:43
S19	1	((f adj theta) (scan adj optic\$2)) with equivalent with (array mma)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:47
S20	4	((f adj theta) (scan adj optic\$2)) with equivalent with (mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:46
S21	0	((f adj theta) (scan adj optic\$2)) with equivalent with ((micro mirror) near5 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:48

S22	4	((f adj theta) (scan adj optic\$2)) with equivalent with (micro mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:49
S23	2489	micro with mirror with array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:49
S24	1855	(micro near2 mirror) with array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:39
S25	1248	(micro near2 mirror) with (mirror near2 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:50
S26	551	laser and (micro near2 mirror) with (mirror near2 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 14:50
S27	7	S26 and (mov\$4 near5 focus\$4 with optic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:11
S29	14310	((micro near2 mirror) with array) mma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:15
S30	0	S29 with (without near3 ((theta scan) adj optic\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:44
S31	0	S29 same (without near3 ((theta scan) adj optic\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:44
S32	0	S29 and (without near3 ((theta scan) adj optic\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:44

S33	15	(without near3 ((theta scan) adj optic\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:47
S34	371	((micro and mirror and array) mma)	JPO	OR	ON	2006/02/09 12:17
S35	0	S34 and (theta scan) and optic\$2	JPO	OR	ON	2006/02/09 11:48
S36	27	S34 and laser	JPO	OR	ON	2006/02/09 11:50
S37	6	S34 and laser and focus\$7	JPO	OR	ON	2006/02/09 11:53
S38	21	S36 not S37	JPO	OR	ON	2006/02/09 11:54
S39	17	S36 not S37 not acryl \$9	JPO	OR	ON	2006/02/09 13:14
S40	93	((micro and mirror and array) mma) and (aod acousto optical deflector)	JPO	OR	ON	2006/02/09 12:18
S41	14	((micro and mirror and array) mma) and (aod acousto optical deflector) and laser	JPO	OR	ON	2006/02/09 12:18
S42	0	((micro and mirror and array) mma) and (aod (acousto with optic \$3)) and laser	JPO	OR	ON	2006/02/09 12:19
S43	1	((micro and mirror and array) mma) and (aod (acousto with optic \$3))	JPO	OR	ON	2006/02/09 12:19
S44	273	(aod (acousto with optic\$3)) and laser	JPO	OR	ON	2006/02/09 12:20
S45	35	aod and laser	JPO	OR	ON	2006/02/09 12:22
S46	4	aod and laser and focus\$4	JPO	OR	ON	2006/02/09 12:22
S47	0	"20040196559"	JPO	OR	ON	2006/02/09 13:15
S48	2	"20040196559"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:55
S49	1	("6671428").PN.	USPAT; USOCR	OR	OFF	2006/02/09 13:28

S50	64	aod with split\$4 with beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:33
S51	67825	laser with circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:33
S52	22	S50 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:29
S53	66	aod with split\$4 with (laser beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:33
S54	39433	laser with (circuit semiconductor wafer silicon electric\$4) with (substrate work workpiece)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:16
S55	13	S53 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:35
S56	1	("6072519").PN.	USPAT; USOCR	OR	OFF	2006/02/09 13:55
S57	1	S56 and scan\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:56
S58	1	S56 and scan\$4 near5 optic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:01
S59	0	laser with (focus\$4 near5 compensat\$5) same mma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:02

S60	0	laser with (focus\$4 near5 compensat\$5) same (micro near5 mirror with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:02
S61	0	laser with (focus\$4 near5 (chang\$4 alter \$7 shift\$4)) same (micro near5 mirror with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:03
S62	38	laser with (focus\$4) same (micro near5 mirror with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:05
S63	15	laser with (focus\$4) same (micro near5 mirror with array) and ((mov\$4 shift\$4) near7 (lens optic\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:14
S64	37	(beam with (focus\$4)) same ((micro near5 mirror with array) mma) and ((mov\$4 shift\$4) near7 (lens optic\$4)) not S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:16
S66	0	S54 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:17
S67	0	S64 and (laser with machining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:17
S68	16	S64 and (laser with cut \$4 drill\$4 weld\$4 etch \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:32
S69	21	S64 not S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:39
S70	7321	219/121.63-121.72. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:39

S71	83	S70 and (mma (micro near5 mirror) micromirror (mirror near5 array))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 07:37
S72	1	("6037564").PN.	USPAT; USOCR	OR	OFF	2006/02/09 14:57
S73	2780	laser same f adj theta	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 07:38
S74	1064	laser same (f adj theta near3 lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 07:38
S75	1170	laser same (f adj theta near3 (lens optic\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 07:39
S76	666	laser same (f adj theta adj (lens optic\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 07:39
S77	6	S76 and (focus\$4 near5 mov\$4 adj4 optic \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 07:58
S78	755	laser same (focus\$4 near5 mov\$4 adj4 optic \$4) not ((f adj theta) (scan\$4 adj lens) (tele adj centric) telecentric confocal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 08:15
S79	7452	219/121.63-121.72. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 08:00
S80	84	S79 and (mma (micro near5 mirror) micromirror (mirror near5 array))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 08:01

S81	84	S80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 08:01
S82	1	S78 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 08:01
S83	39791	(mma (micro near5 mirror) micromirror (mirror near5 array))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 08:02
S84	19	S78 and S83	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 08:10
S85	8	S78 and S83 not (disk with drive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 08:14
S86	329	(plural\$4 near5 beam) same ((different independent\$4) near5 (location spot point)) same laser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 08:15
S87	283	S86 not ((f adj theta) (scan\$4 adj lens) (tele adj centric) telecentric confocal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 08:15
S88	21	S79 and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 08:54
S89	8	S88 and (mov\$4 near5 (optic\$4 lens element))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 09:17
S90	2	((("5463200") or ("6515257")).PN.	USPAT; USOCR	OR	OFF	2006/05/23 09:17



S91	0	S90 and aod	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:17
S92	1	S90 and acoust\$22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:17

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